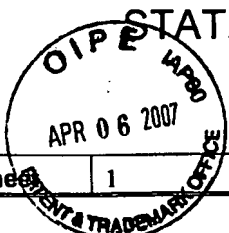


| | | | | | |
|--|------|------------------------|--|--------------------------|----------------------|
| Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Complete if Known | |
|  | | | | Application Number | 10/504,812 |
| | | | | Filing Date | August 13, 2004 |
| | | | | First Named Inventor: | Mark Dominic Jackson |
| | | | | Art Unit | 2655 |
| | | | | Examiner Name | Unassigned |
| Sheet 1 | Of 2 | Attorney Docket Number | | 0227CIP | |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------------|--|-----------------|--------------------------------|--|--|
| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | | |
| /MA/ | | US- | 6,076,165 | 06-13-2000 | Maenza | |
| /MA/ | | US- | 2005/0193313 A1 | 09-01-2005 | Heylen et al. | |
| /MA/ | | US- | 2005/0226412 A1 | 10-13-2005 | Selve et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|-----------------------|---------------------------|--|--------------------------------|--|--|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ | Number ⁴ Kind Code ⁵ (if known) | | | | |
| /MA/ | | EP 0 347 934 A2, A3, B1 | | 12-27-1989 | Sony Corporation | | |
| /MA/ | | EP 0 791 923 A2 | | 08-27-1997 | Hewlett-Packard Company | | |
| /MA/ | | EP 0 854 482 A1, B1 | | 07-22-1998 | SGS-Thomson Microelectronics s.r.l. | | |
| /MA/ | | EP 1 396 857 A1 | | 03-10-2004 | Sony Corporation | | |
| /MA/ | | EP 1 494 235 A1 | | 01-05-2005 | Sony Disc Technology Inc. | | |
| /MA/ | | GB 2 369 718 B | | 08-04-2004 | Macrovision Europe Limited | | |
| /MA/ | | JP 2002-175662-A | | 6-21-2002 | Toshiba EMI Ltd. | | ✓ |
| /MA/ | | WO 98/54713 | | 12-03-1998 | C-Dilla Limited | | |
| /MA/ | | WO 02/11136 A1 | | 02-07-2002 | Macrovision Europe Limited | | |
| /MA/ | | WO 03/085668 A1 | | 10-16-2003 | Sony Disc Technology Inc. | Translation of Abstract only | |

| | | | |
|--------------------|----------------------------|-----------------|------------|
| Examiner Signature | /Masud Ahmed/ (06/13/2007) | Date Considered | 06/13/2007 |
|--------------------|----------------------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Substitute for Form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

| | |
|------------------------|----------------------|
| Application Number | 10/504,812 |
| Filing Date | August 13, 2004 |
| First Named Inventor: | Mark Dominic Jackson |
| Art Unit | 2655 |
| Examiner Name | Unassigned |
| Attorney Docket Number | 0227CIP |

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ² |
|--------------------|----------------------|--|----------------|
| /MA/ | | International Search Report dated 25 October 2001 for PCT/GB 01/03364, 2 pages. | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Examiner
Signature

/Masud Ahmed/ (06/13/2007)

Date
Considered

06/13/2007

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

| | |
|------------------------|------------------|
| Application Number | 10/504,821 |
| Confirmation Number | 2037 |
| Filing Date | August 17, 2004 |
| First Named Inventor | Yasumi TAKASE |
| Art Unit | Not yet assigned |
| Examiner Name | Not yet assigned |
| Attorney Docket Number | Q82677 |

Sheet 1 of 1

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|--------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|---|
| | | Number | Kind Code ² (if known) | | |
| /MA/ | | US 6,477,543 | | 11-05-2002 | Yun-Wu HUANG, et al. |
| /MA/ | | US 6,789,263 | | 09-07-2004 | Takao SHIMADA, et al. |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation ⁶ |
|--------------------|-----------------------|---------------------------|---------------------|--------------------------------------|--------------------------------|---|--------------------------|
| | | Country Code ³ | Number ⁴ | Kind Code ⁵ (if known) | | | |
| /MA/ | | TW | 474077 | | 01-21-2002 | INTERNATIONAL BUSINESS MACHINES CORPORATION | Partial |
| /MA/ | | TW | 362320 | | 06-21-1999 | HITACHI LTD. (JP) | Partial |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation ⁶ |
|--------------------|-----------------------|--|--------------------------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| | | | |
|--------------------|----------------------------|-----------------|------------|
| Examiner Signature | /Masud Ahmed/ (05/01/2007) | Date Considered | 05/01/2007 |
|--------------------|----------------------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.

| | | | |
|---|---|--------------------------|------------------|
| Substitute for Form 1449 A & B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | <i>Complete if Known</i> | |
| | | Application Number | 10/504,821 |
| | | Confirmation Number | Not yet assigned |
| | | Filing Date | August 17, 2004 |
| | | First Named Inventor | Yasumi TAKASE |
| | | Art Unit | Not yet assigned |
| | | Examiner Name | Not yet assigned |
| | | Attorney Docket Number | Q82677 |
| Sheet | 1 | of | |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|--------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|---|
| | | Number | Kind Code ² (if known) | | |
| /MA/ | | US 6,338,680 | B1 | 01/15/2002 | Datel Electronics Ltd (GB) |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation ⁶ |
|--------------------|-----------------------|---------------------------|---------------------|--------------------------------------|--------------------------------|---|--------------------------|
| | | Country Code ³ | Number ⁴ | Kind Code ⁵ (if known) | | | |
| /MA/ | | EP | 0 998 966 | A2 | 05/10/2000 | STD Manufacturing Ltd. (HK) | |
| /MA/ | | EP | 0 933 724 | A1 | 08/04/1999 | Sony Computer Entertainment Inc. (JP) | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

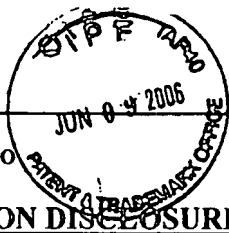
NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation ⁶ |
|--------------------|-----------------------|--|--------------------------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| | | | |
|--------------------|----------------------------|-----------------|------------|
| Examiner Signature | /Masud Ahmed/ (05/01/2007) | Date Considered | 05/01/2007 |
|--------------------|----------------------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.



Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

| | |
|------------------------|------------------|
| Application Number | 10/504,821 |
| Confirmation Number | 2037 |
| Filing Date | August 17, 2004 |
| First Named Inventor | Yasumi TAKASE |
| Art Unit | 3713 |
| Examiner Name | Not yet assigned |
| Attorney Docket Number | Q82677 |

Sheet 1 of 1

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|--------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|---|
| | | Number | Kind Code ² (if known) | | |
| /MA/ | | US 6,045,447 | | 04/04/2000 | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation ⁶ |
|--------------------|-----------------------|---------------------------|---------------------|--------------------------------------|--------------------------------|---|--------------------------|
| | | Country Code ³ | Number ⁴ | Kind Code ⁵ (if known) | | | |
| /MA/ | | EP | 1 179 944 | A2 | 02/13/2002 | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation ⁶ |
|--------------------|-----------------------|---|--------------------------|
| /MA/ | | SCOTT BILAS: "It's still loading?" Game Developers Conference 2000 Proceedings, 'Online! 12 March 2000 (2000-03-12), XP002367228 Retrieved from the Internet: URL: http://www.gamasutra.com/features/gdcarchive/2000/bilas.doc | |
| | | | |
| | | | |
| | | | |
| | | | |

Examiner Signature

/Masud Ahmed/ (05/01/2007)

Date Considered

05/01/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.

| | | | |
|--|---|-------------------------|------------------|
| Substitute for Form 1449 A & B/PTO | | Com. 18/504821 | |
| | | National Stage Entry of | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Application Number | PCT/JP03/02249 |
| | | Confirmation Number | Not yet assigned |
| | | Filing Date | August 17, 2004 |
| | | First Named Inventor | Yasumi TAKASE |
| | | Art Unit | Not yet assigned |
| | | Examiner Name | Not yet assigned |
| Sheet | 1 | of | 1 |
| | | Attorney Docket Number | Q82677 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|-----------------|---|--------------------------------|---|
| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
| | | Number | Kind Code ² (if known) | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|--------------------------|------------------------------|---------------------|--------------------------------------|--------------------------------|--|--------------------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation ⁶ |
| | | Country Code ³ | Number ⁴ | Kind Code ⁵ (if known) | | | |
| /MA/ | | JP | 9-244925 | A | 09/19/1997 | Brother Industries, Ltd., et al. | |
| /MA/ | | JP | 5-12342 | A | 01/22/1993 | Hitachi Ltd. | |
| /MA/ | | JP | 2000-244903 | A | 09/08/2000 | Hitachi Denshi Ltd. | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|--|--------------------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation ⁶ |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| | | | |
|--------------------|----------------------------|-----------------|------------|
| Examiner Signature | /Masud Ahmed/ (05/01/2007) | Date Considered | 05/01/2007 |
|--------------------|----------------------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.